

## CHAPTER 1

### INTRODUCTION

This ATM describes the training requirements for CH-47 crew members. It will be used with AR 95-1, AR 95-3, AR 600-105, AR 600-106, NGR 95-210, TC 1-210, and other applicable publications. The tasks in this ATM enhance training in both crew member and aircrew proficiency. The training focuses on the accomplishment of tasks that support the unit's mission. The scope and level of training to be achieved individually by crew members and collectively by aircrews will be dictated by the METL. Commanders must ensure that aircrews are proficient in mission-essential tasks.

#### 1-1. BATTLE ROSTERING

Battle rostering is the designation of two or more individuals to perform as a crew. Consistently assigning the same crews together improves crew coordination. Commanders make battle-rostered assignments and should enforce their practice, when possible, consistent with crew resources available within the unit. They should assign an individual to a crew as soon as possible after his arrival in the unit, even if he is required to undergo qualification, refresher, or mission training. The individual may begin flying as a member of that crew while in mission training based on the recommendation of an evaluator.

#### 1-2. SYMBOL USAGE AND WORD DISTINCTIONS

a. **Symbol Usage.** The diagonal (/) is used to indicate or or and. For example, IP/SP may mean IP or SP or may mean IP and SP.

b. **Word Distinctions.**

(1) **Warnings, cautions, and notes.** These words emphasize important and critical instructions.

(a) A warning indicates an operating procedure or a practice which, if not correctly followed, could result in personal injury or loss of life.

(b) A caution indicates an operating procedure or a practice which, if not strictly observed, could result in damage to or destruction of equipment.

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(c) A note highlights essential information which is not of a threatening nature.

(2) **Will, must, should, and may.** These words distinguish between mandatory, preferred, and acceptable methods of accomplishment.

(a) Will or must indicates a mandatory requirement.

(b) Should indicates a preferred, but not mandatory, method of accomplishment.

(c) May indicates an acceptable method of accomplishment.

(3) **NVG.** This refers to any night vision goggle image intensifier system; for example, the AN/AVS-6 (ANVIS).

(4) **Rated crew member.** The RCMs are aviators. Therefore, the terms "rated crew member," "aviator," and "pilot" are used synonymously.

(5) **Nonrated crew member.** The NCMs who perform CH-47 crew duties are divided into two categories: flight engineer and crew chief. An NCM is qualified when he completes all phases of training, the appropriate qualification course, and the evaluation outlined in Chapter 8.

(a) **Flight engineer.** The FE is responsible for maintaining his assigned aircraft and performing nonrated crew duties. He is the supervisor and primary trainer for the crew chief and mechanics assigned to that aircraft. The commander selects NCMs to perform FE duties based on proficiency, experience, and rank.

(b) **Crew chief.** The CE assists the FE in maintaining his assigned aircraft and performing nonrated crew duties.

**NOTE 1:** When the CH-47 crew consists of one nonrated and two rated crew members, the NCM must be a commander-designated flight engineer.

**NOTE 2:** Unless otherwise specified, the abbreviation CE in the task descriptions refers to either the crew chief or the flight engineer.

(6) **Evaluator.** Unless otherwise specified, the word evaluator refers to the IP, SP, IE, FI, SI, or ME.